

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

NOTES

Sediment wattles to be installed as slopes are constructed to grade or as directed by the engineer. They shall be selected, installed, and maintained in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattles shall be installed in the urban freeway medians, as well as where cable barrier systems are employed.

Trenches to be constructed along and parallel to the contours. Trench depth to be 1/3 the thickness of the sediment wattle. Place excavated material on uphill side of trench.

Locate sediment wattles as indicated on plans or as directed by the engineer. Space wattle trenches according to the following schedule:

<i>Slope Ratio</i>	<i>Maximum Spacing Intervals</i>
<i>1:1 and Steeper, Apply Minibenching or Other Suitable BMPs.</i>	
<i>2:1</i>	<i>10' - 0"</i>
<i>3:1</i>	<i>20' - 0"</i>
<i>4:1</i>	<i>30' - 0"</i>
<i>5:1</i>	<i>40' - 0"</i>
<i>6:1</i>	<i>40' - 0"</i>

Sediment wattles to be in continuous contact with trench bottom and sides. No daylight should be seen under the wattle. Do not overlap the ends on top of each other.

Stakes to penetrate soil of trench bottom 12" minimum.
Stake to be exposed 3" maximum above top of wattle.
Space stakes 5'-0" o.c. Max., 1'-0" max. At wattle ends,
typical. A 20" dia. wattle may be made from 2 - 3 rolled
excelsior or straw blankets.

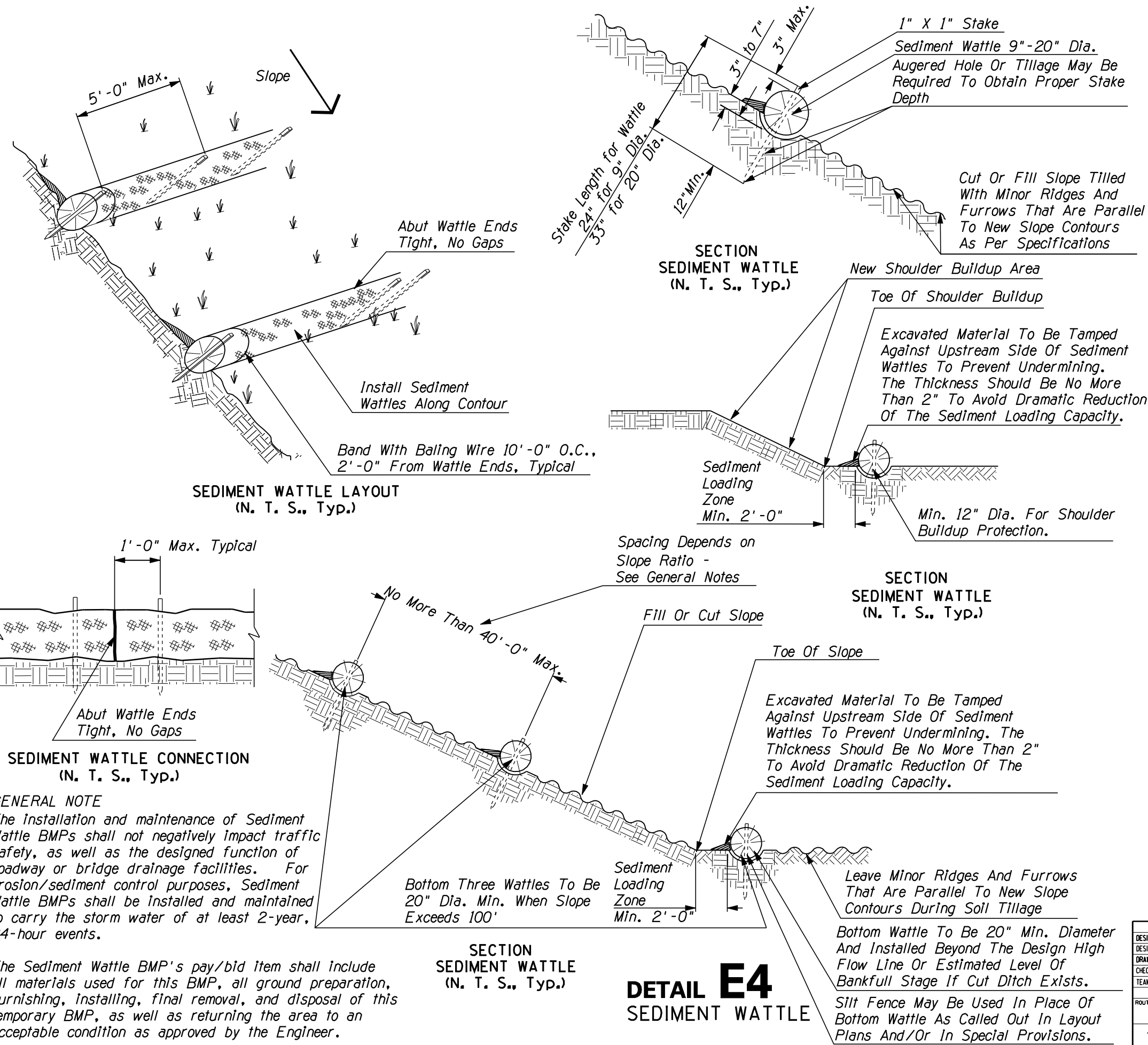
Repair any rills or gullies promptly.

Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall whenever possible be constructed using minibenching best management practice (BMP).

Where minibenches are used, loosening the surface soil is not required. For the seeded areas, tillage is to be performed to form minor ridges and furrows that are parallel to new slope contours and as specified in Section 805.

	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADSIDE DEVELOPMENT SECTION EROSION/SEDIMENT CONTROL AND WATER QUALITY PROTECTION DETAILS
DESIGN	E LEROY BRADY	10-2007	
DESIGN	ZITAO FANG	10-2007	
DRAWN	ZITAO FANG	10-2007	
CHECKED	E LEROY BRADY	10-2007	
TEAM LEADER	E LEROY BRADY	10-2007	

ROUTE	MP	LOCATION
TRACS NO.		



GENERAL NOTE
The installation and maintenance of Sediment Wattle BMPs shall not negatively impact traffic safety, as well as the designed function of roadway or bridge drainage facilities. For erosion/sediment control purposes, Sediment Wattle BMPs shall be installed and maintained to carry the storm water of at least 2-year, 24-hour events.

The Sediment Wattle BMP's pay/bid item shall include all materials used for this BMP, all ground preparation, furnishing, installing, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.